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Apple® IIc Technical Reference Manual

Addison
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Apple IIc Technical Reference Manual

The Official Publication from Apple Computer, Inc.

Written and produced by the people at Apple Computer, Inc., this is the definitive guide to the Apple® IIc for hardware designers and programmers. The *Apple IIc Technical Reference Manual* provides the most complete information available on both the original Apple IIc and the new IIc with the UniDisk™ 3.5-compatible ROM.

This extensive reference describes the IIc from the outside in—from the physical characteristics and the hardware and firmware locations that control memory and input/output, to the electrical and electronic implementation of those capabilities. The manual describes:

- The physical machine and memory organization and control.
- Apple IIc input and output—standard I/O, port I/O, the keyboard and speaker, video display output (including graphics modes), disk I/O (including the new protocol converter), serial ports 1 and 2, and mouse and game input.
- Use of the system Monitor routines in the IIc firmware to disassemble and debug machine-language programs.
- The hardware, including pinouts of the custom ICs and schematic diagrams.

Appendixes contain summary tables, describe interrupt handling, and compare the entire Apple II family of computers.

This edition of the *Apple IIc Technical Reference Manual* also includes firmware listings for the new Apple IIc UniDisk 3.5-compatible ROM. A mail-in card is included for ordering a copy of the firmware listings for the original Apple IIc ROM.

The *Apple IIc Technical Reference Manual* was written and produced by the Apple Computer User Education Group.



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